

# Converting Colors

Hex(CA7878)

Have a look what the booklet for  
Hex(CA7878) contains.

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**Color**

**Hex(CA7878)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA7878
RGB	202, 120, 120
RGB Percent	79%, 47%, 47%
CMY	0.2078, 0.5294, 0.5294
CMYK	0.00, 0.41, 0.41, 0.21
HSL	0°, 44%, 63%
HSV	0°, 41%, 79%
XYZ	34.4638, 27.3456, 21.2311
YIQ	144.5180, 48.8720, 17.3840

# Conversions

## Conversions Part 2

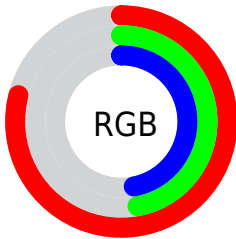
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 120, 120
Decimal	13269112
CIE Lab	59.29, 32.00, 13.84
CIE LCh	59, 34.869, 23.385
Yxy	27.3456, 0.4150, 0.3293
Android (android.graphics.Color)	4291459192 (0xFFCA7878)
YUV	144.5180, -12.0874, 50.4117
Hunter-Lab	52.2930, 26.1279, 12.5332

# Details

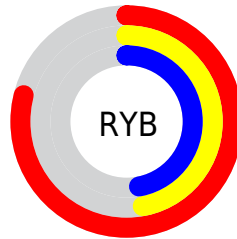
The Hex color **CA7878** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **78CACA**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FFADAC**, and **914648** is the 20% darker color. If you saturate the color by 10%, you get **CA6464**, and if you desaturate by 10%, it is **CA8C8C**.

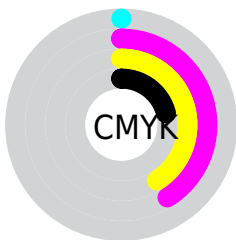
# Distribution



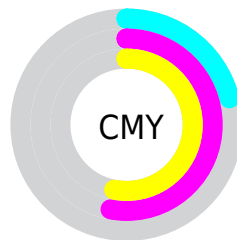
- Red (79%)
- Green (47%)
- Blue (47%)



- Red (79%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (41%)
- Black (21%)



- Cyan (21%)
- Magenta (53%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CA7878 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CA7878 by changing the saturation by 10% instead.



 CA7878

 CA7878

FFFFFF

 AD5E5F

 FFADAC

 914648

 FFC9C8

 762D31

 FFE5E4

 5B151C

 410002

 2A0001

 000000

 CA7878

 CA7878

 CA6464

 CA8C8C

■ CA5050

■ CAA0A0

■ CA3B3B

■ CAB5B5

■ CA2727

■ CAC9C9

■ CA1313

■ CADDDD

■ CA0000

■ CAF1F1

■ CAFFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C57797



CA7878



BF805F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CA7878



679B69



5494CB

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CA7878



78CACA

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



0B9BBF



CA7878



3C9F87

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CA7878



8A9455



009FA6



8889C7

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CA7878



B18754



009FA6



4097C9

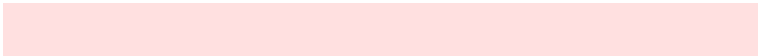


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CA7878



FFE0E0



CA78CA



806E6E



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CA7878



FF8282



CAA178



665C5C



A60000



260000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



78CACA



82FFFF



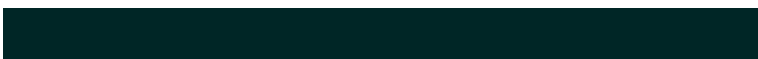
78A1CA



5C6666



00A6A6

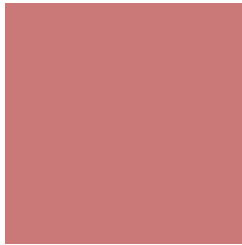


002626



# Previews

## White Background



This preview shows how the Hex color CA7878 looks on a white background.

## Color Contrast Check

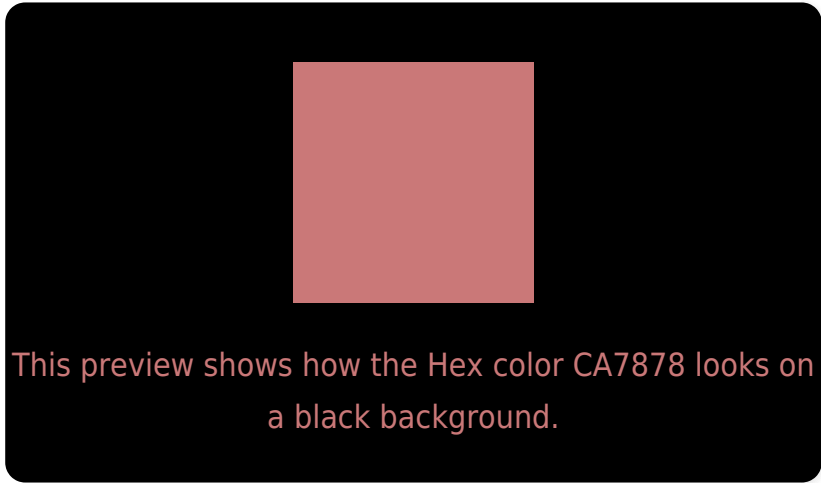
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CA7878 Background



This preview shows how black text looks on a background with the Hex color CA7878.



This preview shows how white text looks on a background with the Hex color CA7878.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
CA7878

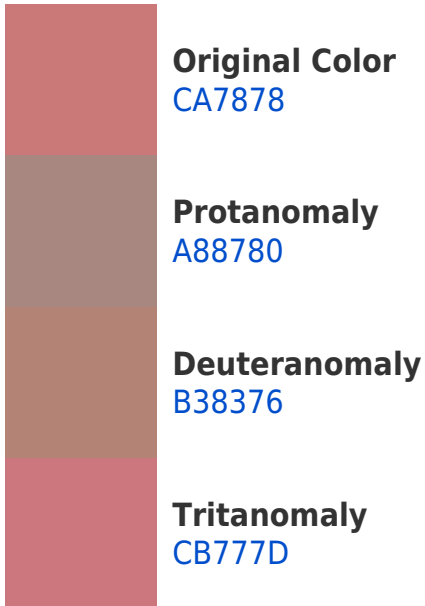
**Protanopia**  
948F84

**Deuteranopia**  
A68A75

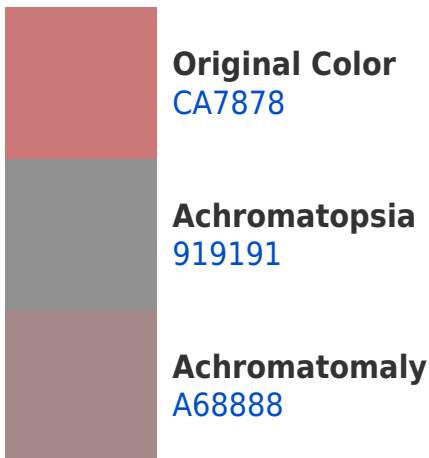


**Tritanopia**  
CB7780

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CA7878 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CA7878 looks like.

```
.text, #text, p{  
    color:#CA7878  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CA7878 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA7878  
}
```

## Border

The CSS property to change the border of an element to Hex CA7878 is called "border". The border property can be set on classes, ids or directly on the HTML element.

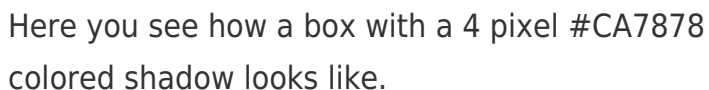
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CA7878 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CA7878 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `#CA7878` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA7878; -webkit-box-shadow:4px 4px  
4px 4px #CA7878; box-shadow:4px 4px 4px  
4px #CA7878 }
```

# Background

The CSS property to change the background color of an element to Hex CA7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA7878 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CA7878 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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